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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/701,039
		Confirmation Number	
		Filing Date	November 4, 2003
		First Named Inventor	Peter W. Hamilton
		Group Art Unit	1771
		Examiner Name	
SHEET	1 of 3	Attorney Docket Number	5922R2CCC

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.*	U. S. PATENT DOCUMENT Number	Kind Code* (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
VSC		Des. 373,026		Delebrea et al.	08/27/96	
		2,861,006		Sallditt	11/18/58	
		3,312,005		McElroy	04/04/67	
V		3,386,846		Lones	04/04/68	
		3,554,835		Morgan	01/12/71	
		3,592,722		Morgan	07/13/71	
		3,853,129		Kozak	12/10/74	
		3,879,330		Lustig	04/22/75	
		3,901,237		Cepuritis et al.	08/26/75	
		3,937,221		Tritsch	02/10/76	
		3,943,609		Egan, Jr.	03/16/76	
		3,967,624		Milnamow	07/06/76	
		4,023,570		Chinai et al.	05/17/77	
		4,054,697		Reed et al.	10/18/77	
		4,061,820		Magid et al.	12/06/77	
		4,067,337		Ness	01/10/78	
		4,181,752		Martens et al.	01/01/80	
		4,273,889		Yamazaki et al.	06/16/81	
		4,303,485		Levens	12/01/81	
		4,336,804		Roeder	06/29/82	
		4,337,772		Roeder	07/06/82	
		4,339,088		Niedermeyer	07/13/82	
		4,342,314		Radel et al.	08/03/82	
		4,376,440		Whitehead et al.	03/15/83	
		4,392,897		Herrington	07/12/83	
		4,397,905		Dettmer et al.	08/09/83	
		4,404,242		Squier	09/13/83	
		4,405,666		Squier	09/20/83	
		4,410,130		Herrington	10/18/83	
		4,460,634		Hasegawa	07/17/84	
		4,508,256		Radel et al.	04/02/85	
		4,509,908		Mullane, Jr.	04/09/85	
		4,514,345		Johnson et al.	04/30/85	
		4,519,095		Clayton	05/21/85	
		4,528,239		Trokan	07/09/85	
		4,556,595		Ochi	12/03/85	
		4,576,850		Martens	03/18/86	
		4,578,069		Whitehead et al.	03/25/86	
		4,587,152		Gleichenhagen et al.	05/06/86	
		4,612,221		Biel et al.	09/16/86	
		4,655,761		Grube et al.	04/07/87	
		4,659,608		Schulz	04/21/87	
		4,695,422		Curro et al.	09/22/87	
		4,699,622		Toussant et al.	10/13/87	
		4,743,242		Grube et al.	05/10/88	
		4,778,644		Curro et al.	10/18/88	
		4,803,032		Schulz	02/07/89	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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U. S. PATENT DOCUMENTS (cont.)

Vcc	4,820,589	Dobreski et al.	04/11/89	
	4,839,216	Curro et al.	06/13/89	
	4,894,275	Pelzer	01/16/90	
	4,946,527	Battrell	08/07/90	
	4,959,265	Wood et al.	09/25/90	
	5,008,139	Ochi et al.	04/16/91	
	5,080,957	Leseman et al.	01/14/92	
	5,098,522	Smurkoski et al.	03/24/92	
	5,112,674	German et al.	05/12/92	
	5,116,677	Jones	05/26/92	
	5,141,790	Calhoun et al.	08/25/92	
	5,175,049	Huff et al.	12/29/92	
	5,176,939	Shepherd	01/05/93	
	5,208,096	Dohrer	05/04/93	
	5,221,276	Battrell	06/22/93	
	5,245,025	Trokhann et al.	09/14/93	
	5,246,762	Nakamura	09/21/93	
	5,269,776	Lancaster et al.	12/14/93	
	5,273,809	Simmons	12/28/93	
	5,275,588	Matsumoto et al.	01/04/94	
	5,296,277	Wilson et al.	03/22/94	
	5,310,587	Akohori et al.	05/10/94	
	5,324,279	Lancaster et al.	06/28/94	
	5,334,428	Dobreski et al.	08/02/94	
	5,342,344	Lancaster et al.	08/30/94	
	5,344,693	Sanders	09/06/94	
	5,453,296	Lauritzen et al.	09/26/95	
	5,458,938	Nygard et al.	10/17/95	
	5,487,929	Rusinovitch, Jr., et al.	01/30/96	
	5,514,122	Morris et al.	05/07/96	
	5,518,801	Chappell et al.	05/21/96	
	5,527,112	Dais et al.	06/18/96	
	5,575,747	Dais et al.	11/19/96	
	5,585,178	Calhoun et al.	12/17/96	
	5,589,246	Calhoun et al.	12/31/96	
	5,662,758	Hamilton et al.	09/02/97	
	6,194,062	Hamilton et al.	02/27/01	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Office ² Number ³ Kind Code ⁴ (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁵
	EP	0 621 082 A1	Ng	10/26/94		
	EP	0 623 332 A1	Lauritzen et al.	09/11/94		
	WO	92/00187	Harder	01/09/92		
✓	WO	95/11945	Mazurek et al.	05/04/95		
	WO	95/31225	Morris et al.	11/23/95		

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FOREIGN PATENT DOCUMENTS (cont.)

VSC		WO	96/31652		Schulz	10/10/96		
		WO	96/41604		Willms et al.	12/27/96		
		WO	97/18276		Keller et al.	05/22/97		
		FR	1,429,312		Dubois	02/25/66		
		GB	975,7783		U.S. Rubber Co.	11/18/64		
		JP	03-002,292		Takinami	01/08/91		
		JP	07-246,216		Yamamoto	09/26/95		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	CITE NO. ¹	INCLUDE NAME OF THE AUTHOR (IN CAPITAL LETTERS), TITLE OF THE ARTICLE (WHEN APPROPRIATE), TITLE OF THE ITEM (BOOK, MAGAZINE, JOURNAL, SERIAL, SYMPOSIUM, CATALOG, ETC.), DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, CITY AND/OR COUNTRY WHERE PUBLISHED	T ²
		Broughton, J., et al., "Porous Cellular Ceramic Membranes: A Stochastic Model To Describe the Structure of an Anodic Oxide Membrane", Journal of Membrane Science 106, pp. 89-101 (1995)	
		Lim, J.H.F., et al., "Statistical Models to Describe the Structure of Porous Ceramic Membranes", Separation Science And Technology, 28 (1-3), pp. 821-854 (1993)	
✓		Watson, D.F., "Computing the n-dimensional Delaunay Tessellation with Application To Voronoi Polytopes", The Computer Journal, Vol. 24, No. 2, pp. 167-172 (1981)	

EXAMINER	DATE CONSIDERED
<i>Wes-Chay</i>	8/4/05

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